

Diego Guala

Software Engineer · Python · FastAPI · Vue.js · Next.js · PostgreSQL

AI-native workflow: Claude Code, Cursor

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SUMMARY

Fullstack developer studying Ingeniería en Informática, specialized in Python/FastAPI backends paired with modern frontend frameworks (Next.js) and strong PostgreSQL expertise. Ships end-to-end products solo with a focus on clean, maintainable code and automated testing. Demonstrates autonomy across the full development stack — from database design to API development to UI implementation to deployment. Passionate about writing scalable solutions, collaborating on technical decisions, and continuous improvement.

SKILLS

Languages: Python, JavaScript/TypeScript

Backend: FastAPI, SQLAlchemy, Pydantic v2, Jinja2

Frontend: Next.js; Vue.js (learning)

Databases: PostgreSQL, Supabase, SQLite

Testing/Code Quality: pytest, httpx, automated testing, code review practices

Version Control: Git

Deployment: Railway, Docker

AI/LLM: Anthropic Claude API, RAG, prompt engineering

Data/Integration: Playwright/Patchright, Gmail API, PyYAML-based config

Spoken languages: Spanish (native), English (B2 First — Cambridge; full professional)

PROJECTS

cazaPegas — Automated job hunter with LLM-based scoring *Solo project · Jun 2026 – present*

End-to-end fullstack system automating job discovery. Backend pipeline fetches job postings, scores them with Claude Haiku, and notifies matches via Telegram. Full-featured web app for browsing offers, tracking applications, and auto-generating tailored CVs. Demonstrates fullstack autonomy, efficient code architecture, and scalable design.

Stack: FastAPI, PostgreSQL, Next.js, Anthropic API

Atendia — Multi-tenant WhatsApp AI agent SaaS *Solo project · Jun 2026 – present*

Production multi-tenant SaaS platform for local businesses. Full stack implementation with race-safe appointment scheduling, RAG-based responses, and admin panel. Demonstrates scalable architecture, team-ready code quality, and cross-functional design.

Stack: FastAPI, Next.js, Supabase/PostgreSQL, pgvector

RentHunter — Rental listings scraper & web app *Solo project · Jun – Jul 2026*

Full stack application for rental discovery. Backend scraping with anti-detection techniques, frontend for result visualization. Demonstrates clean separation of concerns and efficient data pipeline design.

Stack: FastAPI, Patchright, SQLite

Yappa — Personal finance tracker *Solo project · Dec 2025 – Mar 2026*

Full stack personal finance app for the Chilean market. Backend parses bank transaction emails via the Gmail API with per-bank parsers and parallel sync. Demonstrates API integration, database design, and user-facing frontend.

Stack: FastAPI, Next.js, Supabase/PostgreSQL

EXPERIENCE

Ride Operator — Alpine Slide at Magic Mountain *Big Bear Lake, CA · Dec 2024 – Apr 2026*

Two seasonal terms (~8 months total) in safety-critical, customer-facing operations under time pressure. Full English-language work environment. Demonstrates adaptability, attention to detail, and ability to work under pressure.

Entrepreneur — Freelance *2020 – 2022*

Independent work developing solutions end-to-end.

Customer Service & Supply Coordination Assistant — Rosa Agustina Resort *Olmué, Chile · 2019*

EDUCATION

Duoc UC — Ingeniería en Informática · Aug 2024 – Dec 2027 (in progress)

Pontificia Universidad Católica de Valparaíso — Ingeniería en Informática · Mar 2022 – Jul 2024

CERTIFICATIONS

B2 First (Cambridge English)